

IN THE U.S. PATENT AND TRADEMARK OFFICE
Patent Application Transmittal Letter

COMMISSIONER FOR PATENTS
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) is a(n): ☒ Utility ☐ Design

☒ original patent application,

☐ continuation-in-part application

INVENTOR(S): Tan, et al.

TITLE: Vertical-Cavity Surface-Emitting Laser Including a Supported Airgap Distributed Bragg Reflector

Enclosed are:

☒ The Declaration and Power of Attorney. ☒ signed ☐ unsigned or partially signed

☒ 7 sheets of drawings (one set) ☒ Associate Power of Attorney

☐ Form PTO-1449 ☐ Information Disclosure Statement and Form PTO-1449

☐ Priority document(s) ☐ (Other) _____ (fee \$ _____)

CLAIMS AS FILED BY OTHER THAN A SMALL ENTITY				
(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) TOTALS
TOTAL CLAIMS	31 — 20	11	X \$18	\$ 198
INDEPENDENT CLAIMS	4 — 3	1	X \$84	\$ 84
ANY MULTIPLE DEPENDENT CLAIMS	0		\$280	\$ 0
BASIC FEE: Design (\$330.00); Utility (\$740.00)				\$ 740
TOTAL FILING FEE				\$ 1,022
OTHER FEES				\$
TOTAL CHARGES TO DEPOSIT ACCOUNT				\$ 1,022

Charge \$ 1,022 to Deposit Account 50-1078. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-1078 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-1078 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

"Express Mail" label no. EL891534503US

Date of Deposit January 9, 2002

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Washington, D.C. 20231.

By Gloria L. Knox

Typed Name: Gloria L. Knox

Respectfully submitted,

Tan, et al.

By Michael J. Tempel

Michael J. Tempel

Attorney/Agent for Applicant(s)

Reg. No. 41,344

Date: 1/9/02

Telephone No.: (770) 933-9500

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: **Tan, et al.**For: **Vertical-Cavity Surface-Emitting Laser Including a Supported Airgap Distributed Bragg Reflector****CERTIFICATE OF EXPRESS MAIL**

Assistant Commissioner for Patents
BOX: Patent Application
Washington, D.C. 20231

Sir:


Enclosed for filing in the above case are the following documents:

Return Postcard
Patent Application Transmittal with fee calculation and authorization
Patent Application Consisting of:
16 Pages of Specification
7 Pages of Claims (Claims 1-31)
1 Page of Abstract
7 Pages of Formal Drawings (FIGS. 1A-1D, 2A-2D, 3A-3D, 4A-4D)
Declaration and Power of Attorney for Patent Application (2 Pages)
Authorization to charge deposit account 50-1078 the amount of \$1,022 for utility patent application filing fees

Further, the Commissioner is authorized to charge Deposit Account No. 50-1078 for any additional fees required. The Commissioner is requested to credit any excess fee paid to Deposit Account No. 50-1078

Respectfully submitted,

Michael J. Tempel, Reg. No. 41,344



**THOMAS, KAYDEN, HORSTEMEYER
& RISLEY, L.L.P.**

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Our Docket No: **10010679-1**

I hereby certify that all correspondences listed above are being deposited for delivery to the above addressee, with the United States Postal Service **"EXPRESS MAIL POST OFFICE TO ADDRESSEE"** service under 37 CFR §1.10 on the date indicated below:

The envelope has been given U.S. Postal Service "Express Mail Post Office To Addressee" Package # **EL891535645US**.

Date:

January 9, 2002
Signature - Gloria L. Knox